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| | Application Number | 10/518,107 |
| | Filing Date | December 10, 2004 |
| | First Named Inventor | Steven C. Constable |
| | Art Unit | TBA |
| | Examiner Name | TBA |
| Attorney Docket Number | | US2120 (111845-0048) |
| Total Number of Pages in This Submission | | |


| ENCLOSURES (Check all that apply) | | |
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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO-1449 2 references |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--------------------------------------------|------------------------------------------|----------|--------|
| Firm Name | Procopio, Cory, Hargreaves & Savitch LLP | | |
| Signature | | | |
| Printed name | Eleanor M. Musick | | |
| Date | March 11, 2005 | Reg. No. | 35,623 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|----------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Signature | | | |
| Typed or printed name | Eleanor M. Musick | Date | March 11, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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 OIPE JC
 MAR 16 2005
 IN THE UNITED STATES OF AMERICA

In re the Application of:

Group Art Unit: To be assigned

Examiner: To be assigned

**For: METHOD AND SYSTEM FOR
SEAFLOOR GEOLOGICAL
SURVEY USING VERTICAL
FIELD MEASUREMENT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with 37 CFR Sections 1.97 and 1.98, the items identified in this Information Disclosure Statement (“IDS”) are brought to the attention of the Office. The items are listed on the attached form PTO-1449. With reference to the Pre-Official Gazette Notice by the Office of Patent Legal Administration, this application was filed after June 30, 2003, therefore copies of cited U.S. Patents and Publications are not submitted, however, copies of the Foreign Patent and the Non-Patent Literature documents are enclosed.

(37 C.F.R. § 1.8)

Date of Deposit

Name of Person Mailing Paper

Eileen M. Murch
Signature of Person Mailing Paper

The items identified in this IDS may or may not be "material" pursuant to 37 CFR 1.56. The submission thereof by Applicants is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR 1.97(h)), or even qualifies as "prior art" under 35 USC 102 with respect to this invention unless specifically designated by Applicant as such.

FILING PROVISION

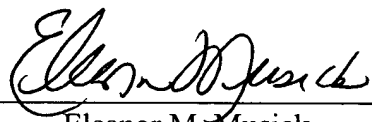
This IDS is believed to be timely and is submitted under 37 CFR 1.97(b)(3) before the mailing of a first Office Action on the merits. However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c).

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

No fees are required with this filing under 37 CFR 1.97(b)(3), however, if applicant is incorrect in this regard or if the filing is accepted under 37 CFR 1.97(c), the Commissioner is hereby authorized to charge any fees required by the filing of these papers to Procopio's Deposit Account No. **50-2075**.

Respectfully submitted,

Dated: March 11, 2005

By: 
Eleanor M. Musick
Reg. No. 35,623

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Facsimile: (760) 931-1155

**LIST OF PATENTS AND OTHER DOCUMENTS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

111845-US-120

SERIAL NO.

10/518,107

APPLICANT

Steven C. Constable

FILING DATE:

December 10, 2004

GROUP:

To be assigned

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | Document Number | Publication Date/ Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|----------------------|-------------|------------------|-----------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------|
| | | Number-Kind Code | | | |
| | AA | 2,293,024 | 08-11-1942 | Klipsch | |
| | AB | 2,531,088 | 11-21-1950 | Thompson | |
| | AC | 2,839,721 | 06-17-1958 | Witte | |
| | AD | 2,872,638 | 02-03-1959 | Jones | |
| | AE | 3,052,836 | 09-04-1962 | Postma | |
| | AF | 3,182,250 | 05-04-1965 | Mayes | |
| | AG | 4,047,098 | 09-06-1977 | Duroux | |
| | AH | 4,298,840 | 11-03-1981 | Bischoff et al. | |
| | AI | 4,617,518 | 10-14-1986 | Srnka | |
| | AJ | 5,770,945 | 06-23-1998 | Constable | |
| | AK | 6,480,000 B1 | 11-12-2002 | Kong et al. | |
| | AL | 2003/0043692 A1 | 03-06-2003 | Ellingsrud et al. | |
| | AM | 2003/0048105 A1 | 03-13-2003 | Ellingsrud et al. | |
| | AN | 2003/0052685 A1 | 03-20-2003 | Ellingsrud et al. | |
| | AO | 6,603,313 B1 | 08-05-2003 | Srnka | |
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EXAMINER:

DATE CONSIDERED:

EXAMINER: Please initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. Thank you.

¹Applicant is to place a check mark here if English language translation is attached.

**LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

111845-US-20

SERIAL NO.

10/518,107

APPLICANT

Steven C. Constable

FILING DATE:

December 10, 2004

GROUP:

To be assigned

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. | Foreign Patent Document | Publication Date/Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ¹ |
|----------------------|-------------|-------------------------|----------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| | AP | WO 01/20366 A1 | 03-22-2001 | ExxonMobil Upstream Research Company | | |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ¹ |
|----------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| | AQ | Constable, Steven C. et al. (1998) "Marine magnetotellurics for petroleum exploration Part I: A sea-floor equipment system" Geophysics May-June 1998, 63(3):816-825 | |
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EXAMINER:

DATE CONSIDERED:

EXAMINER: Please initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. Thank you.

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